

CLAIMS

We Claim:

1. A chiral laser apparatus for displaying a video image produced by a signal source connected thereto, comprising:

5 a plurality of chiral laser elements connected to the signal source and configured for displaying the video image received from the signal source, wherein each said plural chiral laser element displays a predetermined portion of said video image.

10 2. The chiral laser apparatus of claim 1, wherein said plural chiral laser elements are configured in one of a passive matrix and active matrix configurations.

15 3. A display apparatus for displaying a video image produced by a signal source connected thereto, comprising:

a flat display panel connected to the signal source and configured operable to display the video image received therefrom; and

20 at least one chiral laser element positioned behind said flat display panel operable to provide a wide area coherent backlight for said flat display panel.

4. The display apparatus of claim 3, wherein said flat display panel is a LCD panel.

5. A chiral display method for displaying a video image produced by a signal source, comprising the steps of:

10 a) providing a plurality of chiral laser elements connected to the signal source and configured for displaying the video image received from the signal source; and

15 b) causing each said plural chiral laser element to display a predetermined portion of said video image.

6. The chiral display method of claim 5, wherein said plural chiral

10 laser elements are configured in one of a passive matrix and active matrix configurations.

7. A chiral display method for displaying a video image produced by a signal source, comprising the steps of:

15 a) providing a flat display panel connected to the signal source and operable to display the video image received therefrom; and

20 b) providing at least one chiral laser element positioned behind said flat display panel; and

c) causing said at least one chiral laser element to provide a wide area coherent backlight for said flat display panel.

8. The chiral display method of claim 7, wherein said flat display panel is a LCD panel.